

## **A METHOD OF WIRELESS ROAMING**

### **Abstract**

The invention includes an apparatus and method for allowing a client to access a wireless system. The system includes at least a first wireless access node. The method includes the first wireless access node detecting a client seeking access to the system. The first wireless access node being able to wirelessly connect to a back bone network. Client information is obtained. The first wireless node provides the client a communication path to and from a destination. The communication path is able to include wired and wireless communication links. Routing of information through the communication path between the client and the destination is aided based upon detection of the client. The wireless connection between the first access node and the back bone network can include at least one wireless hop between the first access node and a third access node. Another embodiment of the invention includes a method that further includes the client roaming from the first access node to a second access node. The second wireless access node detects the client seeking access to the system. The second wireless access node is able to connect to the backbone network. Client information is obtained. The second wireless node provides the client a communication path to and from the destination. The communication path is able to include wired and wireless communication links. Routing of information through the communication path between the client and the destination is aided based upon detection of the client. The wireless connection between the second access node and the backbone network can include at least one wireless hop between the second access node and a fourth access node.